

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
 Benjamin Mendez-Gallon, et al.) Group:
 Serial No.:)
 Filed: March 12, 2004) Examiner:
 Title: APPLICATION DEVICE)

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents
 Washington, D.C. 20231

Sir:

Applicant wishes to bring to the attention of the Examiner the documents identified on the attached form PTO-1449. Applicant respectfully requests that these documents be made of record in the present application.

A copy of each of these documents can be found in the parent application, i.e., U.S. Patent Application Serial No. 10/221,517.

A concise statement of any non-English document having an English abstract is contained in such abstract, which is incorporated herein by reference.

German Patent Document DE 2 054 752 teaches a method of manufacturing a paper strip coated on one face with an adhesive which is non-sticky in the dry state, wherein one face of a paper strip in the dry state is subjected to the application of a liquid adhesive and of grains of adhesive in the dry state, and wherein an electrostatic field is created in a region including a length of the strip to electrically charge, and apply, said grains to said one face of the strip and then the coated strip is dried so that the grains of adhesive are attached.

German Patent Document DE 199 03 559 discloses equipment comprising a fluid through intercepting coating fluid when the coating operation is started or stopped. Its air regulation unit is connected with the through, ready for operation. An independent claim is included for the method of use. The coating head (1) is raised about 180-250 mm above the web (5). After commencement, it is lowered to the normal height, which also moves the interception through (12). Preferred features: the coating head moves from a high position on starting, down to a normal height, the through moving away automatically. Spacing between air regulation device and liquid curtain (4) is 5-80 mm during coating. Liquid supply is reduced to 50-90% of the nominal, before starting or stopping

coating. A leveling roller evens an end region receiving local excess when starting or stopping. The air regulation unit has air regulation material at the ends, in contact over its entire width with the web. This material is: flexible sheets, steel sheets, elastic hollow tube or a roller with resilient or metallic surface. There is a counter nozzle in the air regulation unit end section over the entire web width. The air regulation unit is an air suction type, and contacts the entire width of the web. The coating head is an extrusion type.

German Patent Document DE 28 24 665 discloses an apparatus for electrostatic spraying of a continuous moving web, for example, a paper or textile web comprising at least one grounded spray nozzle directed onto the object that is to be sprayed, and one electrode that is connected to a high voltage source and that is located opposite and at a distance from the object to be sprayed. In accordance with the spray nozzle located laterally to the electrode, at an incline, permitting the liquid originating from the spray nozzle to enter the space between the electrode and the web on whose back side a grounded, level backplate electrode is located, characterized in that between the spray nozzle and the electrode (5) a metallic shield (8) that is also grounded is located.

German Patent Document De 2 219 994 discloses an apparatus for the application of liquid or powder mediums onto a moving paper web, or similar type of web, in an electrostatic field, comprising a spraying device for the application medium that is located at one pole of a high voltage source generating an electrostatic field, characterized in that the spraying device (4, 6, 7) is grounded at the other high voltage pole is connected to an electrode (8, 15) that reaches at least approximately across the width of the web and that is located in the application area on that side of the paper web (1) that is facing away from the spraying device.

In the event Applicants have overlooked the need for a payment of fee, or additional payment of fee, or have overpaid a fee, Applicants hereby conditionally petition therefor and authorizes that any charges or credits be made to Deposit Account No. 20-0095, TAYLOR & AUST, P.C.

Respectfully submitted,



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Encs.: Form PTO-1449

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents, Washington, DC 20231, on: March 17, 2004.

Todd T. Taylor, Reg. No. 36,945

NAME OF REGISTERED REPRESENTATIVE



SIGNATURE

March 17, 2004

DATE

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INFORMATION DISCLOSURE STATEMENT		APPLICANT: Benjamin Mendez-Gallon, et al.	
		FILING DATE: March 12, 2004	GROUP:

U.S. PATENT DOCUMENTS

Examiner Initial *		Document No.	Date	Name	Class	Subclass	Filing Date
	AA	3,335,026	8/1967	De Geest, et al.	117	93.4	July 16, 2963
	AB	4,830,887	5/1989	Reiter	427	420	April 22, 2988
	AC	4,385,004	5/1989	Kawanishi	427	13	July 18, 1988
	AD	4,837,045	6/1989	Nakajima	427	13	June 25, 1987
	AE	6,248,174	6/2001	Kustermann	118	665	January 22, 1999
	AF						
	AG						
	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS

							Translation	
		Document No.	Date	Country	Class	Subclass	Yes	No
	AK	DE 2054752	5/1971	Germany	B05	9/00		X
	AL	DE 19903559	10/1999	Germany	D21H	23/48		X
	AM	DE 2824665	12/1979	Germany	B05B	5/08		X
	AN	DE 2219994	11/1973	Germany	B05B	5/02		X
	AO	WO 97/03009	1/1997	PCT	B65H	23/00		X
	AP	WO 89/05477	6/1989	PCT	Go3C	1/74		X

OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER:

DATE CONSIDERED:

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.